

410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590

11276093.m RSHRSMVKVAKAPSP-EVVWIDGVPA TEK SARYS VHGYS LII KDKTAEDG DYTILLG IKQSKLFRNL TATLIVNVK P QIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -QPTIKNWLWPHCYNHNSKERND -FCFGS EESFILDSSSNIGNRNIEGITQRMMVIEGTNKTVSTLVVADSRTPGSYCKAKPNKIKI
34328180.m RSYRSMVKVAKAPSP-EIWMLDGSPATLK SARYLVHCGYS LII KDKTAEDG DYTILLG IKQSKLFRNL TATLIVNVK P QIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -RPTITWLWPHCYNHNSKERD -FCCTEN EESFILDSSSNIGNRNIESISQRMTVIEGTNKTVSTLVVADSRTPGSYCKAKPNKIKI
FLT1.h RSYRSMVKVAKAPSP-EVNUMLDGPKAPTEK SARYLTVGCGYS LII KDKTAEDG DYTILLG IKQSKLFRNL TATLIVNVK P QIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -RPTITWLWPHCYNHNSKERD -FCCTEN EESFILDSSSNIGNRNIESISQRMTVIEGTNKTVSTLVVADSRTPGSYCKAKPNKIKI
981128.m Q-VRAPIVKYLSPAPD- IKNWVNGRPPIESNTY - MIVGDELTIMEV SERDAGNYTTLVNTI SMEKQSHMVS LVNVPPQIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -MDSYQYGMQTLQTYWVOLLEEACSYRPQ -TNPYI -CKEWRLVKPQGKNIKEVTKNQYALIECKNKTIVSTLVQIAANVSYALIKECAINKA
27777648.m Q-VRAPIVKYLSPAPD- IKNWVNGRPPIESNTY - MIVGDELTIMEV SERDAGNYTTLVNTI SMEKQSHMVS LVNVPPQIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -MDSYQYGMQTLQTYWVOLLEEACSYRPQ -TNPYI -CKEWRLVKPQGKNIKEVTKNQYALIECKNKTIVSTLVQIAANVSYALIKECAINKA
KDR.h R-VRAPIVKYLSPAPD- IKNWVNGRPPIESNTY - IKA GHVL TTIMEV SERDTGNYTTLVNTI SKEKQSHVSVS LVNVPPQIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -VDSYQYGMQTLQTYWVOLLEEACSYRPQ -TNPYI -CKEWRLVKPQGKNIKEVTKNQYALIECKNKTIVSTLVQIAANVSYALIKECAINKA
1vr2_VEGFR R-VRAPIVKYLSPAPD- IKNWVNGRPPIESNTY - IKA GHVL TTIMEV SERDTGNYTTLVNTI SKEKQSHVSVS LVNVPPQIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -VDSYQYGMQTLQTYWVOLLEEACSYRPQ -TNPYI -CKEWRLVKPQGKNIKEVTKNQYALIECKNKTIVSTLVQIAANVSYALIKECAINKA
24233567.d R-VQFEPVRNAVAPDPRVLWIDGDVAISENSTCYETAGYNNLTIKQVRQKDAGIFTIALSNQERGLYRNISYKLEVRVKPKIFEEVDVAPAG -PQTFRYDQRHKL TCTA FGIP -MPNITWFWQPCDPSAN-LTECKLYTDPLP IEN -VDDFPQ-NPIKDVSNSKGRLKSKNRTISTVVKTANVSCVSCARNEEL
34870472.m EMVKVLPVKLAAYPPE-FQWVNDKRAVTKGRHN - PHALVLKEVTEASAGVYTLALWNNSAAGLRQNISLELVNVPPHIIKEKEASSP -SIYSRHSRQTLTCTTGYVPPQLSVQNHWRWPFTCKFAQRSLRRQGDMPQCRDWKEVTTQDAVNPIESLDITWTEVECKGNKTVSKLVIDQANVSAAMKCVVNNK
16758466.m EMVKVLPVKLAAYPPE-FQWVNDKRAVTKGRHN - PHALVLKEVTEASAGVYTLALWNNSAAGLRQNISLELVNVPPHIIKEKEASSP -SIYSRHSRQTLTCTTGYVPPQLSVQNHWRWPFTCKFAQRSLRRQGDMPQCRDWKEVTTQDAVNPIESLDITWTEVECKGNKTVSKLVIDQANVSAAMKCVVNNK
6679813.m ELVKLPVKLAAYPPE-FQWVNDKRAVTKGRHN - PHALVLKEVTEASAGVYTLALWNNSAAGLRQNISLELVNVPPHIIKEKEASSP -SIYSRHSRQTLTCTTGYVPPQLSVQNHWRWPFTCKFAQRSLRRQGDMPQCRDWKEVTTQDAVNPIESLDITWTEVECKGNKTVSKLVIDQANVSAAMKCVVNNK
ELVKLPVKLAAYPPE-FQWVNDKRAVTKGRHN - PHALVLKEVTEASAGVYTLALWNNSAAGLRQNISLELVNVPPHIIKEKEASSP -SIYSRHSRQTLTCTTGYVPPQLSVQNHWRWPFTCKFAQRSLRRQGDMPQCRDWKEVTTQDAVNPIESLDITWTEVECKGNKTVSKLVIDQANVSAAMKCVVNNK
FLT4.h ELVKLPVKLAAYPPE-FQWVNDKRAVTKGRHN - PHALVLKEVTEASAGVYTLALWNNSAAGLRQNISLELVNVPPHIIKEKEASSP -SIYSRHSRQTLTCTTGYVPPQLSVQNHWRWPFTCKFAQRSLRRQGDMPQCRDWKEVTTQDAVNPIESLDITWTEVECKGNKTVSKLVIDQANVSAAMKCVVNNK
lagw_A R-VRAPIVKYLSPAPD- IKNWVNGRPPIESNTY - IKA GHVL TTIMEV SERDTGNYTTLVNTI SKEKQSHVSVS LVNVPPQIYEVSKVSSLPSPPLYPLGSQVLTCTVYGP -VDSYQYGMQTLQTYWVOLLEEACSYRPQ -TNPYI -CKEWRLVKPQGKNIKEVTKNQYALIECKNKTIVSTLVQIAANVSYALIKECAINKA
27681125.m R-SRTLOVVFEPYAPTPS-VLNWIDDNRTLDGSSAG EELVLSTRNVSETRYVSELILVRVKVSEACYTMRAFHAD
29789275.m R-SRTLOVVFEPYAPTPS-VLNWIDDNRTLDGSSAG EELVLSTRNVSETRYVSELILVRVKVSEACYTMRAFHAD
6679259.m R-SRTLOVVFEPYAPTPS-VLNWIDDNRTLDGSSAG EELVLSTRNVSETRYVSELILVRVKVSEACYTMRAFHAD
PDGFR.b.h R-SRTLOVVFEPYAPTPS-VLNWIDDNRTLDGSSAG EELALSTRNVSETRYVSELILVRVKVSEACYTMRAFHAD
34877239.m QVRFVVEQVAYPPTP- ISWNLNDNLTLIENLT EITTDVQRQSQTREYQSKKLIRAKEEDSGHYYTIIVONDD
6755012.m EVRFVVEQVAYPPTP- ISWNLNDNLTLIENLT EITTDVQRQSQTREYQSKKLIRAKEEDSGHYYTIIVONDD
PDGFR.a.h EVKHFVVEQVAYPPTP- ISWNLNDNLTLIENLT EITTDVQEKKIYTRYSKKLIRAKEEDSGHYYTIIVONDD
33636687.d EVPEFKVQDIESPAPK-VTNWIDSSVLDGDDTA EISTTLLKIGETSYQGVINLIRAKEEDSGHYYTIIVONDD
11560079.m ENVDLWVEFEAYPKBEHQWVYIMMRTPVNRGE EIVYKEDDNQNSNTRYVNELRILTRKGTEC GTYFLVSNSD
10863917.m ENVDLWVEFEAYPKBEHQWVYIMMRTPVNRGE EIVYKEDDNQNSNTRYVNELRILTRKGTEC GTYFLVSNSD
KIT.h ENVDLWVEFEAYPKBEHQWVYIMMRTPVNRGE EIVYKEDDNQNSNTRYVNELRILTRKGTEC GTYFLVSNSD
18858927.d ESSLSPRVVMNAYPKBHTFSWWSYSGVKLTNTTD HVIITSRTHGNS-YTSEKLVLVRVKVSEACYTFSCLNRD
34932022.m ENLDITVIAIDAYPLQLQRNYNTWYLGFFFEDPHE NLEFRTQWTTYSYKLFLHLNRVKVLEACRSLAMQCNKA
6681045.m DLSLIDTVHADAYPSQIHYNTWYLGFFFEDPHE KLFITRQRAYIYTFKLHLNRVKVSEACOFLPMAQCNKA
FMS.h EGLNLKUVMBAYPLQGFNTWYLGFFFEDPHE KLANATTKDYRHTFTLSPRLKPSEACRYSFLARNPQ
18858477.d DWDVQGVLVILEAYPKBEHQWVYIMMRTPVNRGE ENRFFNHNDRYEAALLLKRINFEETCMLTBNKNSD
34870259.m EKFCFSVRFKAYPQIR-CKWTFQSOTSFCEOS GLEDGYSISKFCDFDHKNKNCYIYFAENDD
6753888.m EKFCFSVRFKAYPQIR-CTWIFQSASFCCEQR GLEDGYSISKFCDFDHKNKNCYIYFAENDD
FLT3.h EEFCFCSVRSRKSFQPKR-CTWIFQSASFCCEQR GLDNGYSISKFCDFDHKNKNCYIYFAENDD
28574575.f RTIQQTANFEGEPT-PSFSNWPDPGTEVQRSEN NFKILSTELSTMLQVLAQQLDQSGTVLGRGSNSFGVVQREYNVVMDAPALKMSD-AZVQVGSVARLECTVRSYPPAIVTFFFRPCSLEPQWPTC SVLNQNFSLPSBEQEKYQFQTRPRLGKLSVERIYEVSLPTEPGLT CIAQNIIDGKER
24582751.f RTIQQTANFEGEPT-PSFSNWPDPGTEVQRSEN NFKILSTELSTMLQVLAQQLDQSGTVLGRGSNSFGVVQREYNVVMDAPALKMSD-AZVQVGSVARLECTVRSYPPAIVTFFFRPCSLEPQWPTC SVLNQNFSLPSBEQEKYQFQTRPRLGKLSVERIYEVSLPTEPGLT CIAQNIIDGKER
24582749.f RTIQQTANFEGEPT-PSFSNWPDPGTEVQRSEN NFKILSTELSTMLQVLAQQLDQSGTVLGRGSNSFGVVQREYNVVMDAPALKMSD-AIVQVGSVARLECTVRSYPPAIVTFFFRPCSLEPQWPTC SVLNQNFSLPSBEQEKYQFQTRPRLGKLSVERIYEVSLPTEPGLT CIAQNIIDGKER
31211913.i APIDDEYEVSPANITYWYKDDIEVMAGHCKYELTHSETVVKLIRNDPSVTDGNYTLVLAGNAEKSHRIGVYVAKIIVHMEK KFVKVNEEVSFCTRSIGYPRPEISFMFLPC-LEVWNRCSASRINT-KDVKDVTGGKGKGETIAKSRYVTLPLPKPGVYVCRATNLEGSE
31222183.i

610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790

800

11276093.m GTVERDIRFYVFDVNPNGFHVSLKEKIP-TEGEDLKL-CVVNSKFLYRDTIITLLRTVNN RTMHHSISKQKM-ATTQDYSITLNLVKNVNSLEDSGTYACRARNYTGEEILRKTIVLVRDLAPLQLNQLSDHEV SISGSTTLDQCARGVPAPIWTWFKNNH KIQQEPGIGILGPNCNSTFIRERVTE
34328180.m GTVERNIKFYVFDVNPNGFHVSLKEKIP- AEGEDLKL-CVVNSKFLYRDTIITLLRTVNN RTMHHSISKQKM-ATTQDYSITLNLVKNVNSLEDSGTYACRARNYTGEEILRKTIVLVRDLAPLQLNQLSDHEV SISGSTTLDQCARGVPAPIWTWFKNNH KIQQEPGIGILGPNCNSTFIRERVTE
FLT1.h GTVGNRISFYVFDVNPNGFHVNLKEKIP-TEGEDLKL-CVVNSKFLYRDTIITLLRTVNN RTMHHSISKQKM-AITKEHSITLNLVNMNQLDQSGTYACRARNYTGEEILRKTIVLVRDLAPLQLNQLSDHEV SISGSTTLDQCARGVPAPIWTWFKNNH KIQQEPGIGILGPNCNSTFIRERVTE
981128.m GRGERVISFHVIRGPE-ITVQFAAQP-TEQESVSLICADRNFTENLT YKLGSQATSVHMGESLTPVCKNLDALWKLNGT-MFSNSTNDILIVAFQNAISQDQGDYVCSAQD KTTKRRHCLVQLIILERMAFMITGNEQTTIGETIEVTC PASGNTPTHITWFKDNE TLVEDSGIVLRDGCRNNTIIRRVRK
27777648.m GRGERVISFHVIRGPE-ITVQFAAQP-TEQESVSLICADRNFTENLT YKLGSQATSVHMGESLTPVCKNLDALWKLNGT-MFSNSTNDILIMBLKNAISQDQGDYVCSAQD KTTKRRHCLVQLIILERMAFMITGNEQTTIGETIEVTC PASGNTPTHITWFKDNE TLVEDSGIVLRDGCRNNTIIRRVRK
KDR.h GRGERVISFHVIRGPE-ITLQDMOP-TEQESVSLICADRNFTENLT YKLGSQATSVHMGESLTPVCKNLDALWKLNAT-MFSNSTNDILIMBLKNAISQDQGDYVCSAQD KTTKRRHCLVQLIILERMAFMITGNEQTTIGETIEVTC PASGNTPTHITWFKDNE TLVEDSGIVLRDGCRNNTIIRRVRK
1vr2_VEGFR GNRTRMIPFVYDDBHQ-PFELIEPSTA- VAGDDITLICRGTRYRLLYDPLGYKVPKDE-TTLRIEPIY-TIS-LSISKLPLNVSRNHTLGYECQALININTKVVNVTSALTIDRQKQFPLVPTVTEGPGITLKD-DGHIIPERVKK
24233567.d GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
34870472.m GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
16758466.m GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
6679813.m GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
FLT4.h GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
lagw_A GQDERLIYFYVFTTIDGFSIESPSESEDPLEQGSVRLSQRADNYTXYEHLRVRNLNLTSLHDQAGNPPLLDCKNVHLBFATPLEANLEEAEPGARHATL SLNIPRVAPEDGDDYVCEVQDRRSQDKHCKKYLQVPALEAPRLTQNTLDDILVNVNSDLEMRCPVAGAHPSIVWYKDERLLEKEGIDLADSNQRIISIIVRVE
27681125.m DQVQLSFKQDNVVPVRVLELSHSPAN-GEQILR-CRGRGMQPQPVNTSTCR-DLKRCPKRLS-PTPLGNSSKEESEOLETNTVTP-WEEDQYEYVSTLRLHVDQPLSIVR
29789275.m DQVQLSFKQDNVVPVRVLELSHSPAN-GEQILR-CRGRGMQPQPVNTSTCR-DLKRCPKRLS-PTPLGNSSKEESEOLETNTVTP-WEEDQYEYVSTLRLHVDQPLSIVR
6679259.m DEVQLSFKQDNVVPVRVLELSHSPAN-GEQITR-CRGRGMQPQPVNTSTCR-DLKRCPKRLS-PTPLGNSSKEESEOLETNTVTP-WEEDQYEYVSTLRLHVDQPLSIVR
PDGFR.b.h AEVQLSFLQDNVVPVRVLELSHSP-GEQITR-CRGRGMQPQPVNTSTCR-DLKRCPKRLS-PTPLGNSSKEESEOLETNTVTP-WEEDQYEYVSTLRLHVDQPLSIVR
34877239.m DMKSYKTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- DIKKCNCNETS-WIVVLASNVSNIIITELPR-WEEDQYEYVSTLRLHVDQPLSIVR
6755012.m DVKSYKTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- DIKKCNCNETS-WIVVLASNVSNIIITELPR-WEEDQYEYVSTLRLHVDQPLSIVR
PDGFR.a.h AVKSYKTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- DIKKCNCNETS-WIVLLANHESNIIITELPR-RDRSTVEGRTFAKEVEHTAHR
33636687.d ISTSYKTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- NLKHCNANDSSQWMPLEINSTDTIVELQM- WDNHILLESISHFVHLLHEGTVVAVR
11560079.m VSASVTFDYYNTKPEILTYDRLMNG- RLCQVAAFGPEPTIDWVFC- AEQRCT- TVPSV
10863917.m ASASVTFDYYNTKPEILTYDRLMNG- MLCQVAAFGPEPTIDWVFC- AEQRCT- TVPSV
KIT.h VVAAATFNFVYVNTKPEILTYDRLMNG- MLCQVAAFGPEPTIDWVFC- AEQRCT- TVPSV
18858927.d ATIROTFEVHNSKPKQIVSYEGPIDG- QVRAVAGCYTPOIPLKYYCDL- TEGRC5- ASVLPV
34932022.m GWNNLTTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- DQVTVLNSSCPPGKLVLUVQSVS1DOSAF- PHERC5NLLNATQEE
6681045.m GWNNLTTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- DQVTVLNSSCPPGKLVLUVQSVS1DOSAF- PHERC5NLLNATQEE
FMS.h GWRALTFEITSLVPAISLVDHHGSGGGQTVR-CTAEGTPLPDEIIMICK- HDTBRC- EAQALELW
18858477.d KSASTIFVYKQVAKVAKWENVT- TL-CRS- GYQ- PNTLW- CTC- AEQRCT- TVPSV
34870259.m AOFCKMFNLLNTRKPKVLANASASQAS- CFSQDCYLPNWTWKKCSD- EGPN- DQVTVLNSSCPPGKLVLUVQSVS1DOSAF- PHERC5NLLNATQEE
6753888.m AOFCKMFNLLNTRKPKVLANASASQAS- CFSQDCYLPNWTWKKCSD- EGPN- DQVTVLNSSCPPGKLVLUVQSVS1DOSAF- PHERC5NLLNATQEE
FLT3.h AQFKMFNLLNTRKPKVLANASASQAS- CFSQDCYLPNWTWKKCSD- EGPN- DQVTVLNSSCPPGKLVLUVQSVS1DOSAF- PHERC5NLLNATQEE
28574575.f RLTIAKHLVLLGNISENHNTIYGFKDHKIAKEDNVNF- CEAALAY- FDGNLWKWFINGEDEKSD- SVHIELTSHKSYKSYKSTVHITIISDRDRGTYECCRAYHNDKADAVYSSREIDLYWHDPSAPQWTNGQBGH- SIKRKLQSLTLELCBASTAVP
24582751.f RLTIAKHLVLLGNISENHNTIYGFKDHKIAKEDNVNF- CEAALAY- FDGNLWKWFINGEDEKSD- SVHIELTSHKSYKSYKSTVHITIISDRDRGTYECCRAYHNDKADAVYSSREIDLYWHDPSAPQWTNGQBGH- SIKRKLQSLTLELCBASTAVP
24582749.f RLTIAKHLVLLGNISENHNTIYGFKDHKIAKEDNVNF- CEAALAY- FDGNLWKWFINGEDEKSD- SVHIELTSHKSYKSYKSTVHITIISDRDRGTYECCRAYHNDKADAVYSSREIDLYWHDPSAPQWTNGQBGH- SIKRKLQSLTLELCBASTAVP
31211913.i -TEADLPSLSDSVTLEKQ- KEATIVGDHVTIVCSALVNTYKTDITVWHDKEQSD- CWRDHSYSELYAWQARDLIAHVAEHEGPIYCRAKT- MTGAVESRSLVLDHPKLECDIVGTPD- KIVWLKDGEVPRDENRQVLTCKTLEIYFPLK
31222183.i

	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990
11276093.m	PLMVIVFECYCR	
34328180.m	EDEGVYRGRANQKVVESSAYLIVQGTS	DKSNLDEITLTCTCVAATLFWLILDFIRKLKRSS-EVKNDYLSIMDDEVPLDEQCEPRLKLOKSGCRGAFCKVVAQASAFGKSGPT	CRIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKQ	GCPPLMVIVFECYCR															
FLT1.h	EDEGVYRGRANQKVVESSAYLIVQGTS	DKSNLDEITLTCTCVAATLFWLILDFIRKLKRSS-EVKNDYLSIMDDEVPLDEQCEPRLKLOKSGCRGAFCKVVAQASAFGKSGPT	CRIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKQ	GCPPLMVIVFECYCR															
6981128.m	EDGGLYTCAACQVILCARAETLFLIEEGVQ	EKTNLVEIILVGTVAVIAMFFWLILVILVVRTKRANBEGIICGQYLISIVMDPDELDRERLPIQAFQVIEAPAFCDKPAT	CKIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	GCPPLMVIVFECYCR															
27777648.m	EDGGLYTCAACQVILCARAETLFLIEEGVQ	EKTNLVEIILVGTVAVIAMFFWLILVILVVRTKRANBEGIICGQYLISIVMDPDELDRERLPIQAFQVIEAPAFCDKPAT	CKIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	GCPPLMVIVFECYCR															
KDR.h	EDGGLYTCAACQVILCARAETLFLIEEGVQ	EKTNLVEIILVGTVAVIAMFFWLILVILVVRTKRANBEGIICGQYLISIVMDPDELDRERLPIQAFQVIEAPAFCDKPAT	CKIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	GCPPLMVIVFECYCR															
1vr2_VEGFR	EDGGLYTCAACQVILCARAETLFLIEEGVQ	EKTNLVEIILVGTVAVIAMFFWLILVILVVRTKRANBEGIICGQYLISIVMDPDELDRERLPIQAFQVIEAPAFCDKPAT	CKIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	GCPPLMVIVFECYCR															
24233567.d	DDEGIYERGRANENDGEAKTSAVLIVVGED	-GKPNIEVILVSTTGAAATFLWIMLILPFIKLKRSSADLTLGKSGMEVILLLIGTCVIAFFWVLLLIFCFNCKRAAHADIKTGYLSIMDQEQLPDEQCDRIPYDNK	MDPDELPHDEHCEPRLYDASKEFQRDLRKLKGKLGAFCKVVEASAFGCKDCKIST	CRIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP															
34870472.m	EDAGRYLCSCVNAKCVNSASAVAVEGSE	-DKGSMEVILLLIGTCVIAFFWVLLLIFCFNCKRAAHADIKTGYLSIMDQEQLPDEQCDRIPYDNK	CDIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	NCPPLMVIVFECYCR															
16758466.m	EDAGRYLCSCVNAKCVNSASAVAVEGSE	-DKGSMEVILLLIGTCVIAFFWVLLLIFCFNCKRAAHADIKTGYLSIMDQEQLPDEQCDRIPYDNK	CDIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	NCPPLMVIVFECYCR															
6679813.m	EDAGRYLCSCVNAKCVNSASAVAVEGSE	-DKGSMEVILLLIGTCVIAFFWVLLLIFCFNCKRAAHADIKTGYLSIMDQEQLPDEQCDRIPYDNK	CDIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	NCPPLMVIVFECYCR															
FLT4.h	EDAGRYLCSCVNAKCVNSASAVAVEGSE	-DKGSMEVILLLIGTCVIAFFWVLLLIFCFNCKRRAHADIKTGYLSIMDQEQLPDEQCDRIPYDNK	CDIVAVAKMLKECATASEKALMTELKILHICHLNVNLLGACTIKP	NCPPLMVIVFECYCR															
lagw_A	
27681125.m	CMICNSMRDQSQEIVVPHSL	-PFKVVVIISAILALVVLTVISLIIIMLWORKPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
29789275.m	CMICNSMRDQSQEIVVPHSL	-PFKVVVIISAILALVVLTVISLIIIMLWORKPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
6679259.m	CMICNSMRDQSQEIVVPHSL	-PFKVVVIISAILALVVLTVISLIIIMLWORKPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
PDGFRb.h	CILRNAAVQDQEVIVVPHSL	-PFKVVVIISAILALVVLTVISLIIIMLWORKPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
34877239.m	CIKNDLIGNREKLVAPTL	-RSELIVAAAALVLLVIVIVISLIVIVVVIKOPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
6755012.m	CIKNDLIGNREKLVAPTL	-RSELIVAAAALVLLVIVIVISLIVIVVVIKOPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
PDGFRa.h	CIKNDLIGNREKLVAPTL	-RSELIVAAAALVLLVIVIVISLIVIVVVIKOPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
33636687.d	CDLNDMCCVSREVKLMSGSP	-HESLIVAAAALVLLVIVIVISLIVIVVVIKOPRYEIKWKVLESVSSDGHEYYIIVDPP	EPLRDIVLVRGKLGAFQVVEATAHGSHSQA	GCPPLMVIVFECYCR															
11560079.m	RUNGTVECKANAVCKASSAFFNAFKGNSKPEIQPHDFTLTLIGFVVTAGLMHIVVMIAYKWLKPMPEVOKWVVEEPIN	-GNNYYVIDPTEYDPMHKEFTRNRLSECKDITGAFAFKVVEATAHGKSDA	AMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
10863917.m	RHNGTVECKANDVKSSAFFNNAFK	-EQIQAHLTFTLTLIGFVVAAGAMCIIVVMVITYKYLKPMPEVOKWVVEEPIN	AMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
KIT.h	RHNGTVECKANDVKSSAFFNNAFK	-EQIQAHLTFTLTLIGFVVAAGAMCIIVVMVITYKYLKPMPEVOKWVVEEPIN	AMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
18858927.d	NYATLIECVAS-ANGEVYIILFSLIS	-ENTVPHELFTLTLIGFVVAALVILHIVLIVTYKYMKPKQIOIWVIECHEN	GNNYYVIDPTEYDPMHKEFTRNRLSECKDITGAFAFKVVEATAHGKSDA	GCPPLMVIVFECYCR															
34932022.m	KHNMTTYVGRAHNVNNSOSSOFFRAISLGQS	KOLPDEYLTFITVVVACISVMSLIVLILLILLYKQKPKQVEMKIESEY	AMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
6681045.m	KHNMTTYVGRAHNVNNSOSSOFFRAISLGQS	KOLPDEYLTFITVVVACISVMSLIVLILLILLYKQKPKQVEMKIESEY	AMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
FMS.h	EHINQTYEGRANVCSWSGWSWAPIFISAGAH	-THPDLFETVWVVCACMSLIVLILLILLYKQKPKQVEMKIESEY	VLMIVAVAKMLKPASHTERALMSELKVLSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
18858477.d	RR-MTIVCAENLWVQGSDTFSMEVS	DQIIFTSAMCGSTVAMVVLGLLILIEIHYKQKPKQVEMKIESEY	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
34870259.m	-PFLFIQDNISFYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
6753888.m	QKGLLVKCCAYNSMTCSETIIFLNSPGFPFFI	TDQFQYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
FLT3.h	IKGLFLVKCCAYNSMTCSETIIFLNSPGFPFFI	TDQFQYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
28574575.f	GDEGVYKCVENRDRRIERSFTIVVISDLPLGISMAMWAFFVGLFLILLIGLCFLVFLAVRYQKHKRHLALKAAQDNEEGAGHINPDLTLDQEELPPYREF	TDQFQYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
24582751.f	GDEGVYKCVENRDRRIERSFTIVVISDLPLGISMAMWAFFVGLFLILLIGLCFLVFLAVRYQKHKRHLALKAAQDNEEGAGHINPDLTLDQEELPPYREF	TDQFQYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
24582749.f	GDEGVYKCVENRDRRIERSFTIVVISDLPLGISMAMWAFFVGLFLILLIGLCFLVFLAVRYQKHKRHLALKAAQDNEEGAGHINPDLTLDQEELPPYREF	TDQFQYATIGCLCPFFIVLWCHYKKRPRYESCLQNIQVGPGLDNEYFYIDPFDYEV	ITIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
31211913.i	DDLGMFECRAKNSMTCIEKYKWDVVR-	TAVVRKSIVIILSLLLVLIVGIVLVLISLIVNPELAQDQEADLPPNVESE	TIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR															
31222183.i	DDLGMFECRAKNSMTCIEKYKWDVVR-	TIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR	GCPPLMVIVFECYCR															
31222183.i	DDLGMFECRAKNSMTCIEKYKWDVVR-	TIVAVAKMLKAASHPDERALMSELKILSYLNHNHNVNLLGACTIK	GCPPLMVIVFECYCR	GCPPLMVIVFECYCR															

